Table 1. 2010 Summary Statistics

Item	Value	U.S. Rank
Vermont		
NERC Region(s)		**NPCC**
Primary Energy Source		**Nuclear**
Net Summer Capacity (megawatts)	**1,128**	**50**
Electric Utilities	260	45
Independent Power Producers & Combined Heat and Power	868	43
Net Generation (megawatthours)	**6,619,990**	**49**
Electric Utilities	720,853	44
Independent Power Producers & Combined Heat and Power	5,899,137	35
Emissions (thousand metric tons)		
Sulfur Dioxide	*	51
Nitrogen Oxide	1	50
Carbon Dioxide	8	51
Sulfur Dioxide (lbs/MWh)	*	51
Nitrogen Oxide (lbs/MWh)	0.2	51
Carbon Dioxide (lbs/MWh)	3	51
Total Retail Sales (megawatthours)	**5,594,833**	**51**
Full Service Provider Sales (megawatthours)	5,594,833	48
Direct Use (megawatthours)	**19,806**	**47**
Average Retail Price (cents/kWh)	**13.24**	**10**

MWh = Megawatthours.
kWh = Kilowatthours.
* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as *).
Sources: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2010

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Vermont			
1. Vermont Yankee	Nuclear	Entergy Nuclear Vermont Yankee	620
2. J C McNeil	Other Renewables	City of Burlington-Electric	52
3. Bellows Falls	Hydroelectric	TransCanada Hydro Northeast Inc.,	48
4. Wilder	Hydroelectric	TransCanada Hydro Northeast Inc.,	41
5. Harriman	Hydroelectric	TransCanada Hydro Northeast Inc.,	41
6. Berlin 5	Petroleum	Green Mountain Power Corp	35
7. Vernon	Hydroelectric	TransCanada Hydro Northeast Inc.,	34
8. Sheldon Springs Hydroelectric	Hydroelectric	Sheldon Vermont Hydro Co., Inc.	24
9. Ryegate Power Station	Other Renewables	SUEZ Energy Generation NA Inc	20
10. Burlington GT	Petroleum	City of Burlington-Electric	19

MW = Megawatt.
NA = Not available.
Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2010
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Vermont						
1. Central Vermont Pub Serv Corp	Investor-Owned	2,201,153	979,922	849,639	371,592	-
2. Green Mountain Power Corp	Investor-Owned	1,912,901	573,807	698,688	640,406	-
3. Vermont Electric Cooperative, Inc.	Cooperative	427,888	221,543	126,797	79,548	-
4. City of Burlington-Electric	Public	350,496	85,670	193,699	71,127	-
5. Omya Inc	Investor-Owned	196,154	6,504	4,999	184,651	-
Total Sales, Top Five Providers		5,088,592	1,867,446	1,873,822	1,347,324	-
Percent of Total State Sales		91	88	93	93	-

- (dash) = Data not available.
Source: U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 2000 and 2004 Through 2010
(Megawatts)

Energy Source	2000	2004	2005	2006	2007	2008	2009	2010	Percentage Share	
									2000	2010
Vermont										
Electric Utilities	**777**	**251**	**258**	**259**	**258**	**259**	**257**	**260**	**79.0**	**23.0**
Petroleum	112	101	100	101	101	101	100	100	11.4	8.9
Nuclear	506	-	-	-	-	-	-	-	51.4	-
Hydroelectric	106	93	100	101	99	100	100	103	10.8	9.1
Other Renewables[1]	53	57	57	57	57	57	57	57	5.4	5.1
Independent Power Producers and Combined Heat and Power	**207**	**747**	**745**	**859**	**853**	**869**	**869**	**868**	**21.0**	**77.0**
Petroleum	-	7	7	7	-	-	-	-	-	-
Nuclear	-	506	506	620	620	620	620	620	-	55.0
Hydroelectric	183	211	208	208	209	222	221	221	18.6	19.6
Other Renewables[1]	24	24	24	24	24	27	27	27	2.4	2.4
Total Electric Industry	**984**	**998**	**1,002**	**1,117**	**1,111**	**1,127**	**1,126**	**1,128**	**100.0**	**100.0**
Petroleum	112	107	107	108	101	101	100	100	11.4	8.9
Nuclear	506	506	506	620	620	620	620	620	51.4	55.0
Hydroelectric	289	304	309	309	308	322	322	324	29.4	28.7
Other Renewables[1]	76	81	81	81	81	84	84	84	7.8	7.5

[1] Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
- (dash) = Data not available.
Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 2000 and 2004 Through 2010
(Megawatthours)

Energy Source	2000	2004	2005	2006	2007	2008	2009	2010	Percentage Share	
									2000	2010
Vermont										
Electric Utilities	**5,307,016**	**643,426**	**673,607**	**802,680**	**701,474**	**752,800**	**711,507**	**720,853**	**84.2**	**10.9**
Petroleum	60,660	17,800	10,179	7,371	7,811	4,266	2,439	4,509	1.0	0.1
Natural Gas	90,790	3,224	2,240	1,875	1,889	2,655	4,431	3,783	1.4	0.1
Nuclear	4,548,065	-	-	-	-	-	-	-	72.2	-
Hydroelectric	419,908	395,734	415,691	520,077	399,636	486,207	474,895	430,411	6.7	6.5
Other Renewables[1]	187,593	226,668	245,497	273,357	292,138	259,672	229,742	282,151	3.0	4.3
Independent Power Producers and Combined Heat and Power	**995,998**	**4,826,953**	**5,043,148**	**6,281,664**	**5,122,108**	**6,067,416**	**6,570,841**	**5,899,137**	**15.8**	**89.1**
Petroleum	220	-	-	-	-	-	-	-	*	-
Other Gases[2]	22,417	-	-	-	-	-	-	-	0.4	-
Nuclear	-	3,858,020	4,071,547	5,106,523	4,703,728	4,895,053	5,360,608	4,782,473	-	72.2
Hydroelectric	801,182	791,522	795,120	998,588	246,969	1,006,697	1,010,930	916,476	12.7	13.8
Other Renewables[1]	172,179	177,410	176,480	176,553	171,411	165,666	199,303	200,188	2.7	3.0
Total Electric Industry	**6,303,014**	**5,470,379**	**5,716,755**	**7,084,344**	**5,823,582**	**6,820,216**	**7,282,348**	**6,619,990**	**100.0**	**100.0**
Petroleum	60,880	17,800	10,179	7,371	7,811	4,266	2,439	4,509	1.0	0.1
Natural Gas	90,790	3,224	2,240	1,875	1,889	2,655	4,431	3,783	1.4	0.1
Other Gases[2]	22,417	-	-	-	-	-	-	-	0.4	-
Nuclear	4,548,065	3,858,020	4,071,547	5,106,523	4,703,728	4,895,053	5,360,608	4,782,473	72.2	72.2
Hydroelectric	1,221,090	1,187,256	1,210,811	1,518,665	646,605	1,492,904	1,485,825	1,346,887	19.4	20.3
Other Renewables[1]	359,772	404,078	421,977	449,910	463,549	425,338	429,045	482,339	5.7	7.3

[1] Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
[2] Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as *).
- (dash) = Data not available.
Note: Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 2000 and 2004 Through 2010

Fuel, Quality	2000	2004	2005	2006	2007	2008	2009	2010
Vermont								
Petroleum (cents per million Btu)[1]	675	-	1,314	-	-	1,999	1,179	1,644
Average heat value (Btu per gallon)	134,088	-	138,098	-	-	NM	137,333	137,095
Average sulfur Content (percent)	0.42	-	0.40	-	-	NM	0.22	0.31
Natural Gas (cents per million Btu)	486	-	887	781	761	909	563	569
Average heat value (Btu per cubic foot)	1,012	-	1,007	1,000	1,014	1,005	1,005	1,007

[1] Petroleum includes petroleum liquids and petroleum coke.
Btu = British thermal unit.
NM = Not meaningful due to large relative standard error. Please see Technical Notes and Appendix tables published in the Cost and Quality of Fuels.
- (dash) = Data not available.
Note: Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. There may be a notable increase in fuel receipts beginning with 2008. For more information, please see the Technical Notes in the Electric Power Annual.
Sources: U.S. Energy Information Administration, Form EIA-423, " Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 2000 and 2004 Through 2010
(Thousand Metric Tons)

Emission Type	2000	2004	2005	2006	2007	2008	2009	2010
Vermont								
Sulfur Dioxide								
Petroleum	*	*	*	*	*	*	*	*
Other Renewables[1]	*	*	*	*	*	*	*	*
Total	*	*	*	*	*	*	*	*
Nitrogen Oxide								
Petroleum	*	*	*	*	*	*	*	*
Natural Gas	-	*	*	*	*	*	*	*
Other Gases	*	-	-	-	-	-	-	-
Other Renewables[1]	1	*	*	*	*	*	1	1
Total	1	*	*	*	*	*	1	1
Carbon Dioxide								
Petroleum	67	19	12	9	9	5	3	5
Natural Gas	55	3	2	2	1	2	3	3
Other Gases	20	-	-	-	-	-	-	-
Total	141	22	14	10	10	7	7	8

[1] Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, and other biomass.
* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as *).
- (dash) = Data not available.
Note: CO2 emissions for the historical years 1998 - 2008 have been revised due to changes in emission factors.
Sources: Calculations made by the Electric Power Systems and Reliability Team; Office of Electricity, Renewables, and Uranium Statistics; U. S. Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 2000 and 2004 Through 2010

Sector	2000	2004	2005	2006	2007	2008	2009	2010	Percentage Share	
									2000	2010
Vermont										
Retail Sales (thousand megawatthours)										
Residential	2,037	2,109	2,189	2,142	2,170	2,133	2,122	2,128	36.1	38.0
Commercial	1,910	1,978	2,051	2,027	2,059	2,043	1,991	2,021	33.9	36.1
Industrial	1,646	1,577	1,644	1,626	1,635	1,565	1,383	1,446	29.2	25.8
Other	46	NA	NA	NA	NA	NA	NA	NA	0.8	--
All Sectors	5,639	5,664	5,883	5,795	5,864	5,741	5,497	5,595	100.0	100.0
Retail Revenue (million dollars)										
Residential	251	273	284	287	307	309	316	331	43.3	44.7
Commercial	203	226	232	237	253	255	258	272	35.0	36.7
Industrial	120	126	128	135	146	144	127	138	20.8	18.6
Other	6	NA	NA	NA	NA	NA	NA	NA	1.0	--
All Sectors	579	624	644	659	706	708	701	741	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	12.30	12.94	12.96	13.39	14.15	14.48	14.90	15.57	--	--
Commercial	10.61	11.42	11.33	11.67	12.29	12.49	12.93	13.44	--	--
Industrial	7.31	7.96	7.77	8.33	8.92	9.19	9.21	9.53	--	--
Other	12.20	NA	NA	NA	NA	NA	NA	NA	--	--
All Sectors	10.27	11.02	10.95	11.37	12.04	12.33	12.75	13.24	--	--

kWh = Kilowatthours.
NA = Not available.
-- = Not applicable.
Source: U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2010

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Vermont								
Number of Entities	3	15	NA	2	NA	NA	NA	20
Number of Retail Customers	255,597	54,743	NA	48,338	NA	NA	NA	358,678
Retail Sales (thousand megawatthours)	4,310	787	NA	498	NA	NA	NA	5,595
Percentage of Retail Sales	77.04	14.06	--	8.90	--	--	--	100.00
Revenue from Retail Sales (million dollars)	548	113	NA	79	NA	NA	NA	741
Percentage of Revenue	74.02	15.30	--	10.68	--	--	--	100.00
Average Retail Price (cents/kWh)	12.72	14.41	NA	15.89	NA	NA	NA	13.24

kWh = Kilowatthours.
NA = Not available.
-- = Not applicable.
Notes: Data are shown for All Sectors. Full Service Providers sell bundled electricity services (e.g., both energy and delivery) to end users. Full Service Providers may purchase electricity from others (such as independent Power Producers or other full service providers) prior to delivery. Other Providers sell either the energy or the delivery services, but not both. Sales volumes and customer counts shown for Other Providers refer to delivered electricity, which is a joint activity of both energy and delivery providers; for clarity, they are reported only in the Energy column in this table. The revenue shown under Other Providers represents the revenue realized from the sale of the energy and the delivery services distinctly. "Public" entities include municipalities, State power agencies, and municipal marketing authorities. Federal entities are either owned or financed by the Federal Government. "Cooperatives" are electric utilities legally established to be owned by and operated for the benefit of those using its services. The cooperative will generate, transmit and/or distribute supplies of electric energy to a specified area not being serviced by another utility. "Non-utility" sales represent direct electricity transactions from independent generators to end use consumers. Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 2000 and 2004 Through 2010
(Million Kilowatthours)

Category	2000	2004	2005	2006	2007	2008	2009	2010
Vermont								
Supply								
Generation								
Electric Utilities	5,307	643	674	803	701	753	712	721
Independent Power Producers	958	4,800	5,013	6,256	5,121	6,046	6,546	5,874
Electric Power Sector Generation Subtotal	**6,265**	**5,444**	**5,687**	**7,059**	**5,822**	**6,799**	**7,257**	**6,595**
Combined Heat and Power, Industrial	38	27	30	25	2	21	25	25
Industrial and Commercial Generation Subtotal	**38**	**27**	**30**	**25**	**2**	**21**	**25**	**25**
Total Net Generation	**6,303**	**5,470**	**5,717**	**7,084**	**5,824**	**6,820**	**7,282**	**6,620**
Total International Imports	**4,280**	**1,952**	**2,160**	**2,509**	**2,610**	**2,534**	**2,605**	**2,458**
Total Supply	**10,583**	**7,422**	**7,876**	**9,593**	**8,434**	**9,354**	**9,887**	**9,078**
Disposition								
Retail Sales								
Full Service Providers	5,639	5,664	5,883	5,795	5,864	5,741	5,497	5,595
Total Electric Industry Retail Sales	**5,639**	**5,664**	**5,883**	**5,795**	**5,864**	**5,741**	**5,497**	**5,595**
Direct Use	**45**	**71**	**30**	**26**	**19**	**-**	**1**	**20**
Total International Exports	**362**	**14**	**38**	**80**	**117**	**41**	**41**	**32**
Estimated Losses	**401**	**362**	**402**	**404**	**444**	**436**	**301**	**445**
Net Interstate Trade[1]	**4,135**	**1,311**	**1,523**	**3,289**	**1,990**	**3,137**	**4,047**	**2,986**
Total Disposition	**10,583**	**7,422**	**7,876**	**9,593**	**8,434**	**9,354**	**9,887**	**9,078**
Net Trade Index (ratio)[2]	**1.64**	**1.21**	**1.24**	**1.52**	**1.31**	**1.50**	**1.69**	**1.49**

[1] Net Interstate Trade = Total Supply - (Total Electric Industry Retail Sales + Direct Use + Total International Exports (if applies) + Estimated Losses).
[2] Net Trade Index is the sum of Total Supply / (Total Disposition - Net Interstate Trade).
- (dash) = Data not available.
Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility`s retail sales by State. Reported losses may include electricity unaccounted for by the utility. Direct use is commercial or industrial use of electricity that (1) is self-generated (2) is produced by either the same entity that consumes the power or an affiliate, and (3) is used in direct support of a service or industrial process located within the same facility or group of facilities that houses the generating equipment. Direct use is exclusive of station use. Beginning with publication year 2010, Total disposition has been reorganized to include Net Interstate Trade. Therefore, Total Disposition equals Total Supply.
Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms. U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." DOE, Office of Electricity Delivery and Energy Reliability, Form OE-781R, "Annual Report of International Electric Export/Import Data," predecessor forms, and National Energy Board of Canada.